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U.S. Serial No.: 10/505,354

IN THE CLAIMS:

Please amend claims 1, 12, 13, 20, 24 and 26 as indicated in the following Listing of Claims:

Listing of Claims

1 1. (Currently amended) A valve with two pole pieces,
2 wherein at least one pole piece is provided with a first fluid
3 line and a first valve seat, and wherein the first fluid line is
4 connected by the valve seat with a valve chamber, having a valve
5 body moveable between at least two switch settings said at least
6 two switch settings disposed between the first valve seat and at
7 least one other stop surface wherein the improvement comprises a
8 combination spacer element (15) and guide having radially tapered
9 ribs disposed between a valve chamber (24) and at least one other
10 stop surface (8) said spacer element (15) providing positive
11 axial and radial control over said valve body in all positions in
12 said valve chamber (24) said spacer element (15) also determining
13 the distance between a first valve seat (7) and said at least one

HUBERT OTT and
THOMAS GRAU
U.S. Serial No.: 10/505,354

14 stop surface (8) and a single control coil for operating said
15 valve body between said at least two switch settings.

1 2. (Previously presented) The valve according to Claim 1,
2 wherein said first valve seat (7) and said at least one stop
3 surface (8) are molded into a respective pole piece (3, 4), and
4 the pole pieces (3, 4) are secured directly to the spacer element
5 (15).

1 3. (Previously presented) The valve according to claim 1
2 or 2 wherein said at least one spacer element (15) has a fluid
3 passage.

1 4. (Previously presented) The valve according to claim 1
2 further comprising outer connecting tubes (18, 19, 20) secured to
3 at least one pole piece (3, 4) to carry fluid.

HUBERT OTT and
THOMAS GRAU
U.S. Serial No.: 10/505,354

1 5. (Previously presented) The valve according to claim 1
2 wherein said spacer element (15) is sleeve-shaped.

1 6. (Previously presented) The valve according to claim 1
2 wherein said spacer element (15) includes a guide (23) for the
3 valve body (9).

1 7. (Previously presented) The valve according to claim 6
2 wherein said guide (23) includes inner radial ribs on the spacer
3 element (15).

1 8. (Previously presented) The valve according to claim 1
2 wherein said spacer element (15) is made at least partially of

HUBERT OTT and
THOMAS GRAU
U.S. Serial No.: 10/505,354

3 plastic.

1 9. (Previously presented) The valve according to claim 1
2 or 2 wherein said spacer element (15) includes a filter element
3 (16).

1 10. (Previously presented) The valve according to claim 1
2 further comprising an eccentric hole in a pole piece (4) for a
3 second fluid line (10).

1 11. (Previously presented) The valve according to claim 1
2 wherein said pole pieces (3, 4) and said spacer element (15) are
3 disposed in a tubular valve housing (2).

HUBERT OTT and
THOMAS GRAU
U.S. Serial No.: 10/505,354

1 12. (Currently amended) The valve according to claim ~~±~~ 11
2 further comprising a permanent magnet (13, 14).

1 13. (Currently amended) The valve according to claim 12
2 wherein said permanent magnet (13, 14) is disposed inside the
3 tubular valve housing (2).

1 14. (Previously presented) The valve according to claim 12
2 wherein said permanent magnet (13, 14) is an annular magnet.

1 15. (Previously presented) The valve according to claim 12
2 wherein said permanent magnet (13, 14) is disposed on a
3 projection (11, 12) of a pole piece (3, 4).

HUBERT OTT and
THOMAS GRAU
U.S. Serial No.: 10/505,354

1 16. (Previously presented) The valve according to claim 1
2 or 2 wherein said spacer element (15) includes a receptacle for a
3 permanent magnet (13, 14).

1 17. (Previously presented) The valve according to Claim 16
2 wherein said receptacle includes elevations.

1 18. (Previously presented) The valve according to Claim 17
2 wherein said elevations are deformable.

1 19. (Previously presented) The valve according to Claim 17
2 wherein said elevations are elastic.

HUBERT OTT and
THOMAS GRAU
U.S. Serial No.: 10/505,354

1 20. (Currently amended) The valve according to claim 1 or
2 2 further comprising a tubular valve housing (2) for housing said
3 spacer element (15) disposed in ~~a~~ the control coil (21).

1 21. (Previously presented) The valve according to claim 1
2 wherein said at least one valve seat (7, 8) is partially
3 spherical and said valve body (9) is a ball.

1 22. (Previously presented) The valve according to claim 1
2 wherein said valve body (9) is a ball.

1 23. (Previously presented) The valve according to claim 1
2 further comprising an additional fluid line (6) and a second
3 valve seat (8) to form a 3/2 valve.

HUBERT OTT and
THOMAS GRAU
U.S. Serial No.: 10/505,354

1 24. (Currently amended) A valve with two pole pieces,
2 wherein at least one pole piece includes a valve seat, and
3 wherein the fluid line is connected by the valve seat with a
4 valve chamber, in which a valve body can be moved between at
5 least two switch settings between ~~said at least two settings~~
6 ~~including~~ said valve seat and at least one other stop surface
7 wherein the improvement comprises a spacer element (15) disposed
8 in the area of the valve chamber (24) said spacer element (15)
9 defining the distance between a valve seat (7) and a stop surface
10 (8) said spacer element having an opening therein surrounded by
11 inwardly radially tapering ribs providing a radial and axial
12 guide for said valve body in all positions in said valve chamber
13 (24).

1 25. (Previously presented) The valve of claim 24 wherein
2 said spacer element 15 is disposed intermediate pole pieces (3,4)
3 in a tubular valve housing (2).

HUBERT OTT and
THOMAS GRAU
U.S. Serial No.: 10/505,354

1 26. (Currently amended) An electromagnetic valve article
2 of manufacture comprising:

3 (a) a single control coil housing having a first end and a
4 second end;

5 (b) a first substantially cylindrical pole piece having a
6 first end and a second end disposed within said single control
7 coil housing said first end extending to about said first end of
8 said single control coil housing;

9 (c) a second substantially cylindrical pole piece having a
10 first end and a second end disposed within said single control
11 coil housing said first end extending to about said second end of
12 said single control coil housing;

13 (d) a first permanent magnet disposed at about the second
14 end of said first substantially cylindrical pole piece;

15 (e) a second permanent magnet disposed at about the second
16 end of said second substantially cylindrical pole piece;

17 (f) a valve housing disposed intermediate said first
18 permanent magnet and said second permanent magnet; ~~and~~

19 (g) a valve body disposed in said valve housing in which
20 said valve body moves between at least two switch settings
21 operated by said single control coil; and

22 (h) a spacer element disposed between said second end of

HUBERT OTT and
THOMAS GRAU
U.S. Serial No.: 10/505,354

23 said first substantially cylindrical pole piece and said second
24 end of said ~~first~~ second substantially cylindrical pole piece to
25 fix the size of said valve housing, said spacer element having
26 inwardly tapering radial ribs wherein said inwardly tapering
27 radial ribs positively guide said valve body in all locations in
28 a valve chamber between said at least two switch settings.